

WHAT IS CLAIMED IS:

1           1. A device for holding a piece in a bore,  
2 comprising:  
3           a cylindrical sleeve constructed to be inserted into  
4 the bore and held therein by engagement of its outer  
5 surface with an inner surface of the bore; and  
6           an annular bead extending circumferentially and  
7 inwardly from the inner surface of the sleeve,  
8 wherein the sleeve and the bead are integrally formed  
9 of resilient flexible plastic.

1           2. A device according to Claim 1, wherein the bead  
2 has a circular or oval cross-section.

1           3. A device according to Claim 1, wherein the bead  
2 has a rectangular cross-section.

1           4. A device according to Claim 1, wherein the bead is  
2 connected to the inner surface of the sleeve by a thin web.

1           5. A device according to Claim 1, wherein the bead

2 has at least one slot interrupting its circumference.

1 6. A device according to Claim 1, wherein the ends of  
2 the sleeve are chamfered.

1 7. A method of holding a piece in a bore of a body  
2 comprising:

3 providing a piece-holding device having a cylindrical  
4 sleeve constructed to be inserted into the bore and held  
5 therein by engagement of its outer surface with an inner  
6 surface of the bore and having an annular bead extending  
7 circumferentially and inwardly from an inner surface of the  
8 sleeve to engage an outer surface of a piece inserted into  
9 the sleeve, the sleeve and the bead being integrally formed  
10 of resilient flexible plastic;

11 inserting a piece in the sleeve of the piece-holding  
12 device so that the outer surface of the piece engages the  
13 bead; and

14 inserting the piece-holding device in the bore so that  
15 the outer surface of the piece-holding device engages the  
16 inner surface of the bore.

1           8. A method according to claim 7, wherein the piece  
2 is inserted in the piece-holding device and then the device  
3 and the piece are inserted in the bore.

1           9. A method according to claim 7, wherein the piece-  
2 holding device is inserted in the bore and then the piece  
3 is inserted in the device.

1           10. A method according to claim 7, wherein the bead is  
2 provided with at least one slot interrupting its  
3 circumference.

1           11. An assembly including a piece to be held in a bore  
2 and a device in which the piece is inserted for holding a  
3 piece in the bore, wherein the device comprises:

4           a cylindrical sleeve constructed to be inserted in the  
5 bore and held therein by engagement of its outer surface  
6 with an inner surface of the bore;

7           and an annular bead extending circumferentially and  
8 inwardly from an inner surface of the sleeve,

9           wherein the sleeve and the bead are integrally formed  
10 of resilient flexible plastic.

1        12. An assembly according to Claim 11, wherein the  
2 piece is a bolt.

1        13. An assembly according to Claim 11, wherein the  
2 bead is positioned centrally within the sleeve.

1        14. An assembly according to Claim 11, wherein the  
2 ends of the sleeve are chamfered.

1        15. In combination, a body having a bore therein, a  
2 piece-holding device inserted in the bore, and a piece  
3 inserted and held by the piece-holding device, wherein the  
4 piece-holding device comprises:.

5        a cylindrical sleeve constructed to be inserted into  
6 the bore and held therein by engagement of its outer  
7 surface with an inner surface of the bore;

8        and an annular bead extending circumferentially and  
9 inwardly from an inner surface of the sleeve,

10       wherein the sleeve and the bead are integrally formed  
11 of resilient flexible plastic.

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1        16. A combination according to Claim 15, wherein the  
2 bead has a circular or oval cross-section.

1        17. A combination according to Claim 15, wherein the  
2 bead has a rectangular cross-section.

1        18. A combination according to Claim 15, wherein the  
2 bead is connected to the inner surface of the sleeve by a  
3 thin web.

1        19. A combination according to Claim 15, wherein the  
2 bead has at least one slot interrupting its circumference.

1        20. A combination according to Claim 15, wherein the  
2 ends of the sleeve are chamfered.